

CLAIMS

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1. An apparatus for treatment of subcutaneous tissue comprising means to generate ultrasonic vibrations, means to focus said ultrasonic vibration at a point within said tissue, and means to move said focal point.
  2. An apparatus as claimed in claim 1, wherein there is provided a plurality of generator means to generate ultrasonic vibrations, said plurality of generator means being provided with means to focus said ultrasonic vibration at said point within the tissue.
  3. An apparatus as claimed in either claim 1 or claim 2, wherein said means to focus said ultrasonic vibration at a point within the tissue comprises lens means.
  4. An apparatus as claimed in claim 2, wherein said plurality of generator means is provided with lens means to focus said ultrasonic vibrations at a single point within the tissue.
  5. An apparatus as claimed in claim 4, wherein each of said plurality of generator means is provided with a respective lens means.
  6. An apparatus as claimed in any one of claims 3 to 5, wherein the or each lens means is substantially plano-concave.
  7. An apparatus as claimed in any one of claims 3 to 6, wherein the or each lens comprises titanium, an alloy thereof, aluminium or an alloy thereof.

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8. An apparatus as claimed in any one of claims 3 to 7, wherein the or each lens means is disposed immediately adjacent the or a respective generator means.
9. An apparatus as claimed in any one of claims 3 to 8, wherein the or each lens means is so mounted that the effective location of the focal point thereof is movable to impinge directly on the tissue to be treated.
10. An apparatus as claimed in claim 9, wherein means to hold the lens means are movable with respect to the surface of the body above the tissue to be treated.
11. A method of treatment of subcutaneous tissue comprising the steps of providing an apparatus as claimed in any one of the preceding claims, applying said apparatus to a body within which lies the tissue to be treated, and moving said ultrasonic generation means and said focussing means so that their effective distance from the body surface above the tissue to be treated is such that the focal point of the lens is coincident with the tissue to be treated.
12. A method as claimed in claim 11, wherein the target tissue comprises blood vessels.